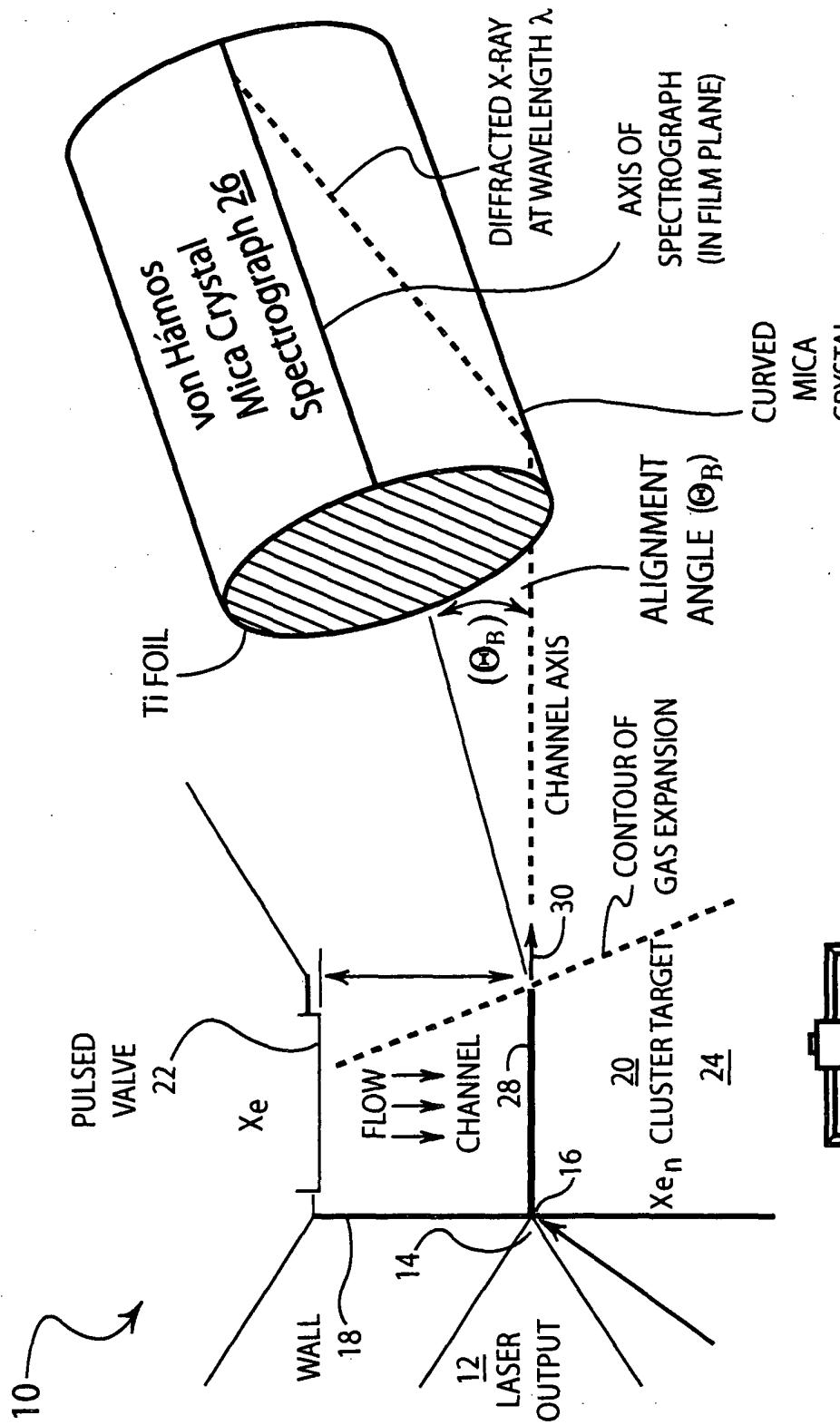
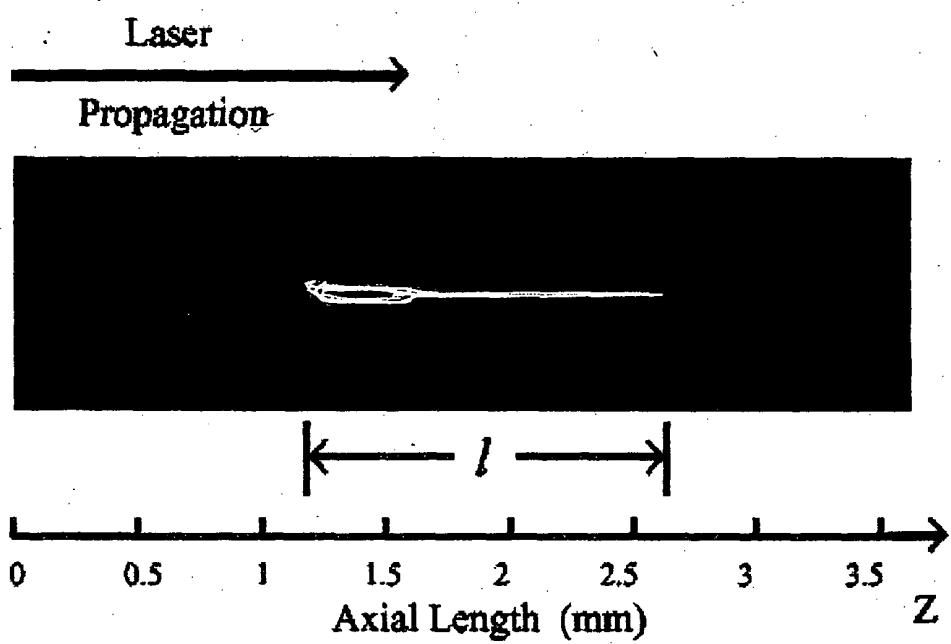


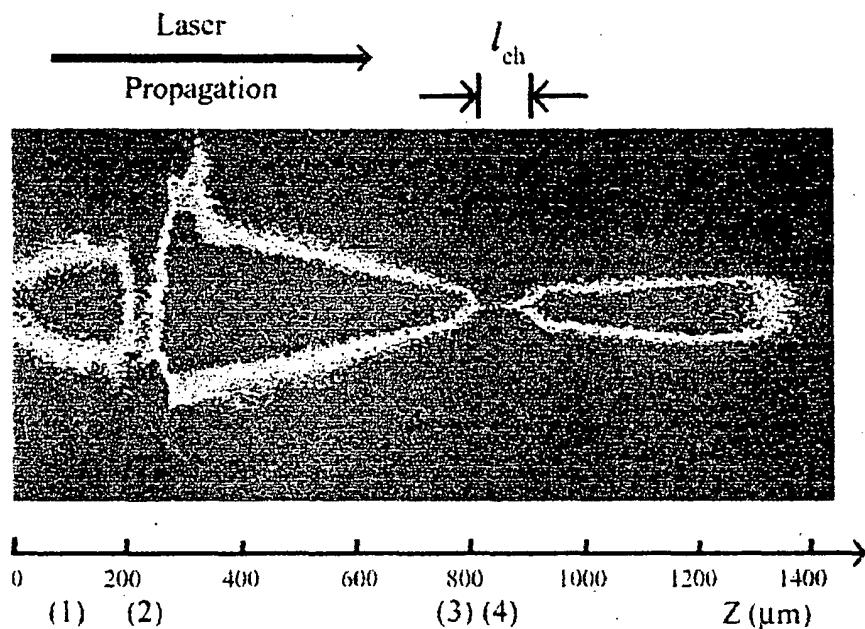
**FIG 1**



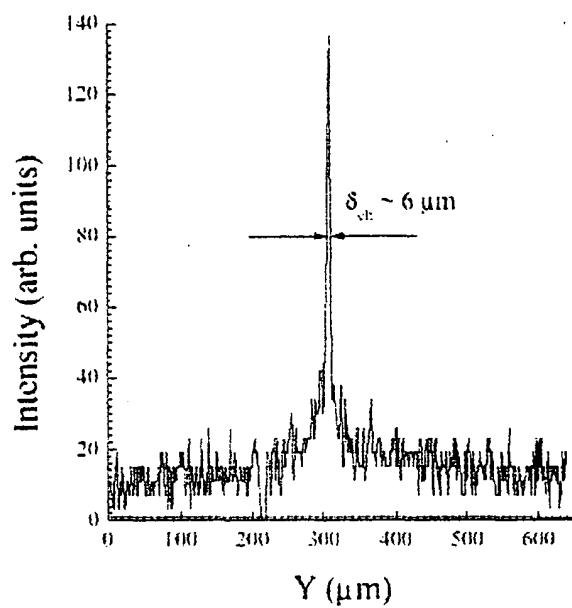
**FIG 2**



**FIG 3**

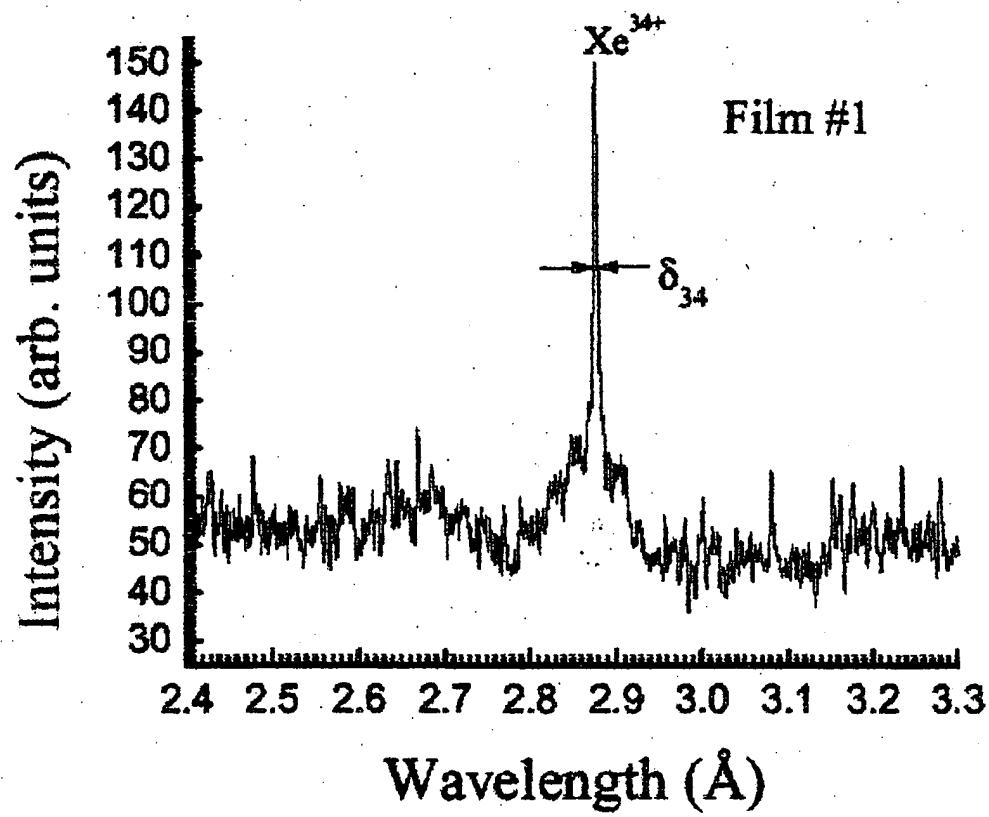


**FIG 4A**



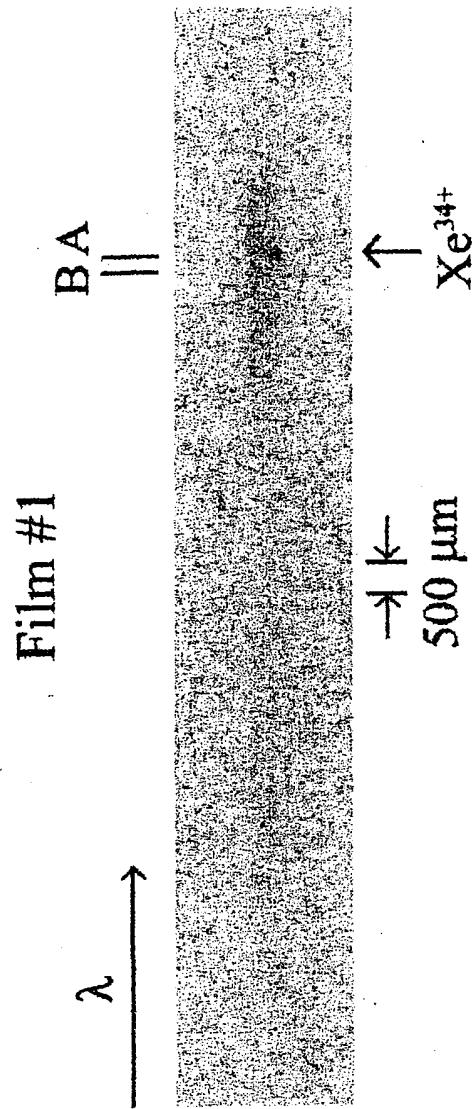
**FIG 4B**

Title: "Ultrabright Tunable Coherent Multikilovolt X-Ray Source" Inventors: Charles K. Rhodes & Keith Boyer  
Docket Number: UIC.02USU1 Attorney: Samuel M. Freund, Registration Number: 30,459 Phone: 970.377.6363

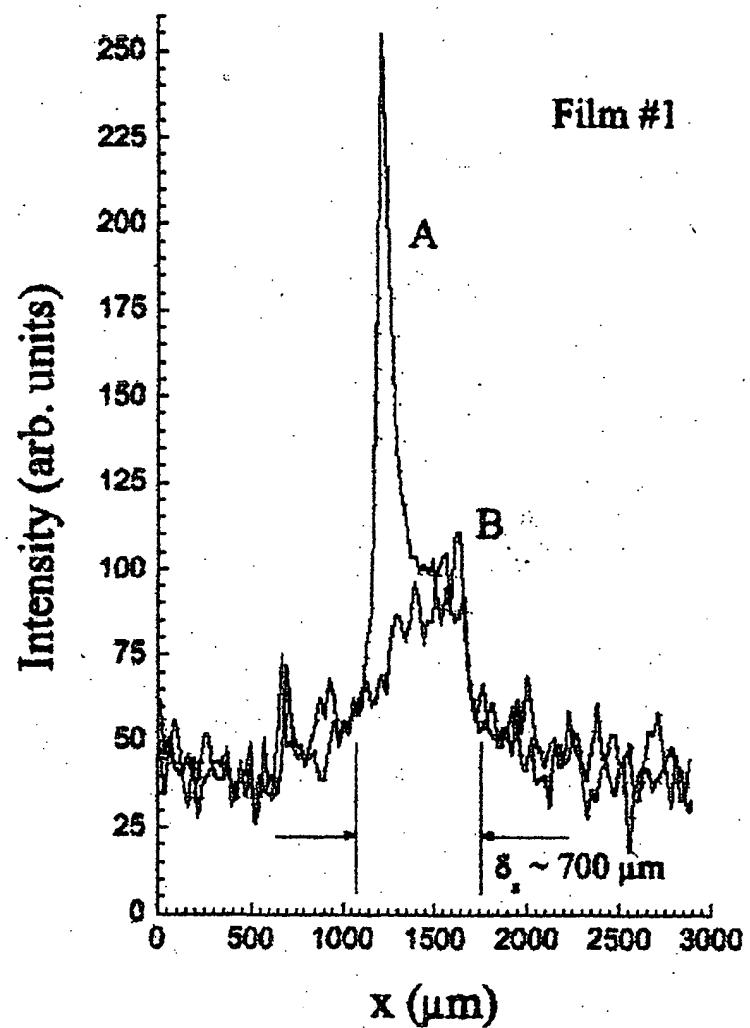


**FIG 5A**

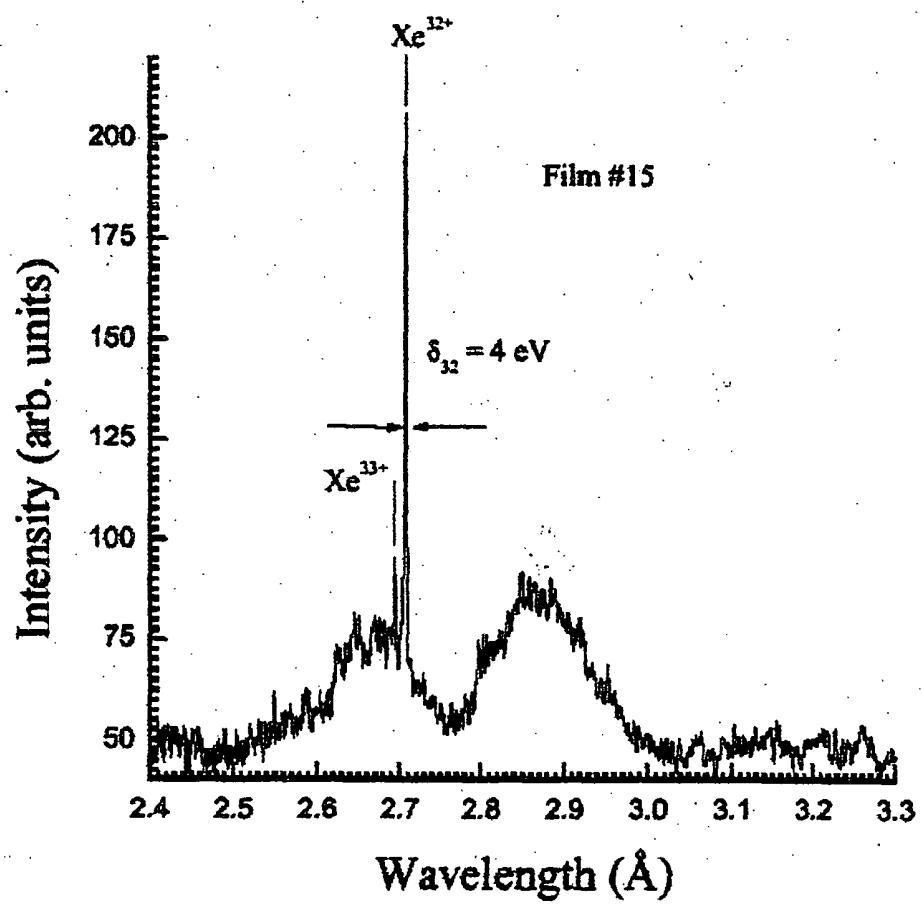
Title: "Ultrabright Tunable Coherent Multikilovolt X-Ray Source" Inventors: Charles K. Rhodes & Keith Boyer  
Docket Number: UIC.02USU1 Attorney: Samuel M. Freund, Registration Number: 30,459 Phone: 970.377.6363



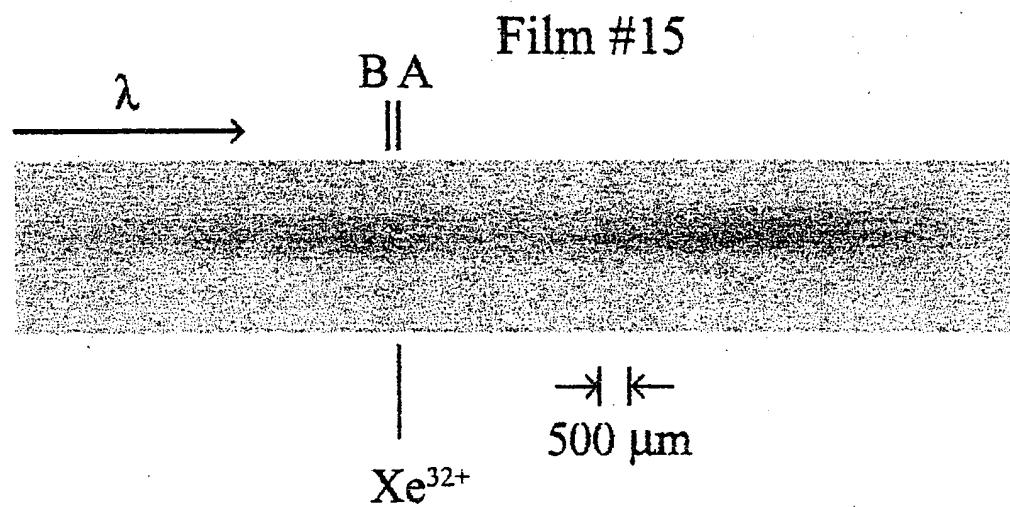
**FIG 5B**



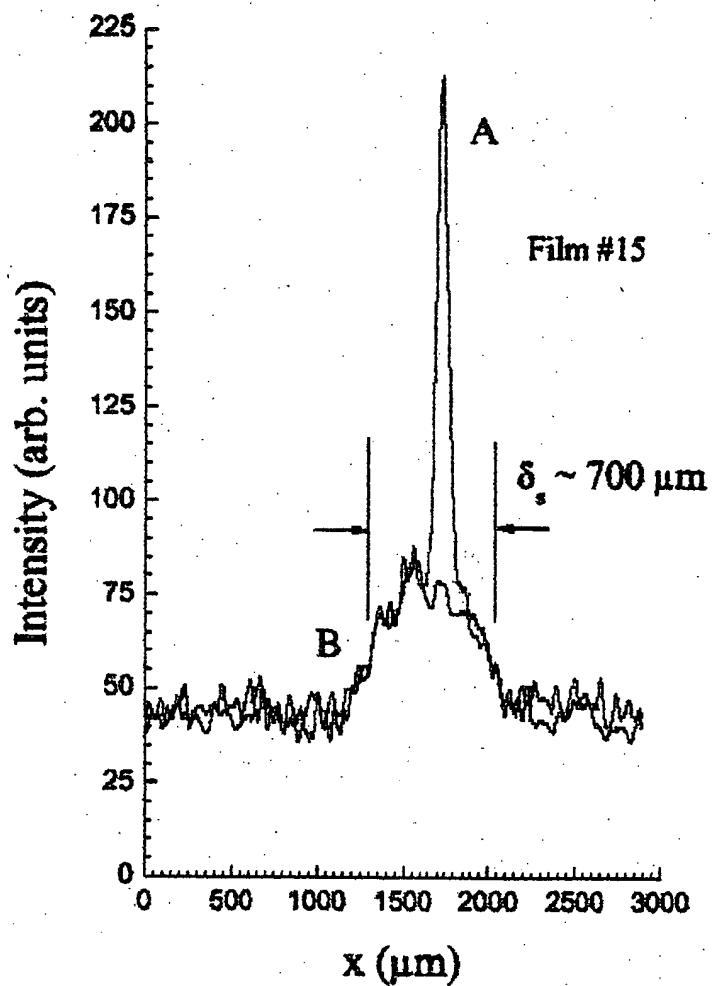
**FIG 5C**



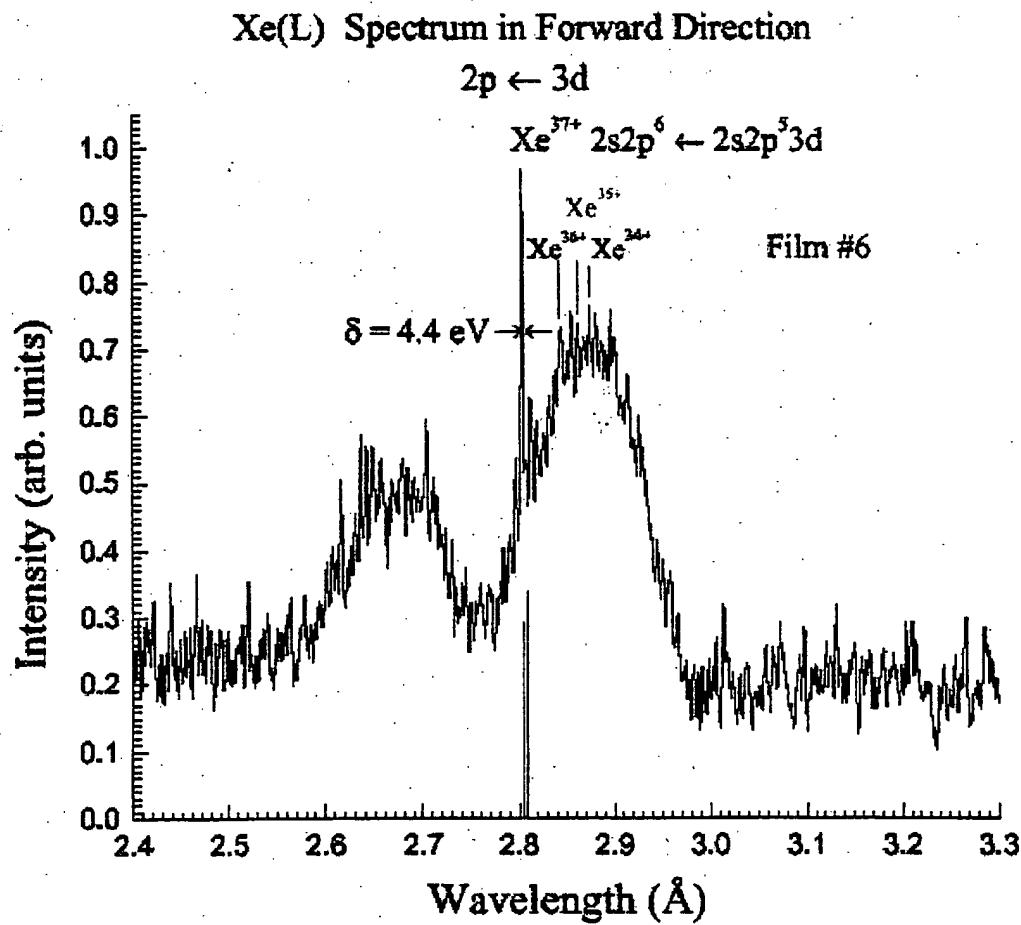
**FIG 6A**



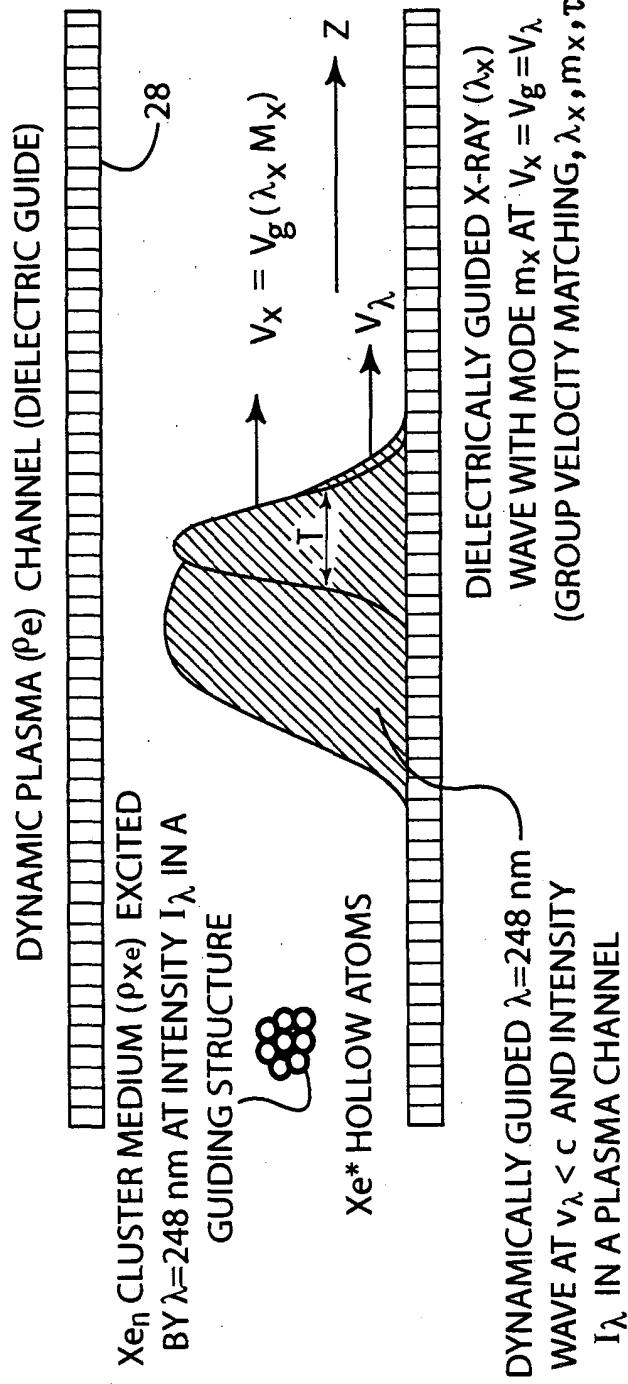
**FIG 6B**



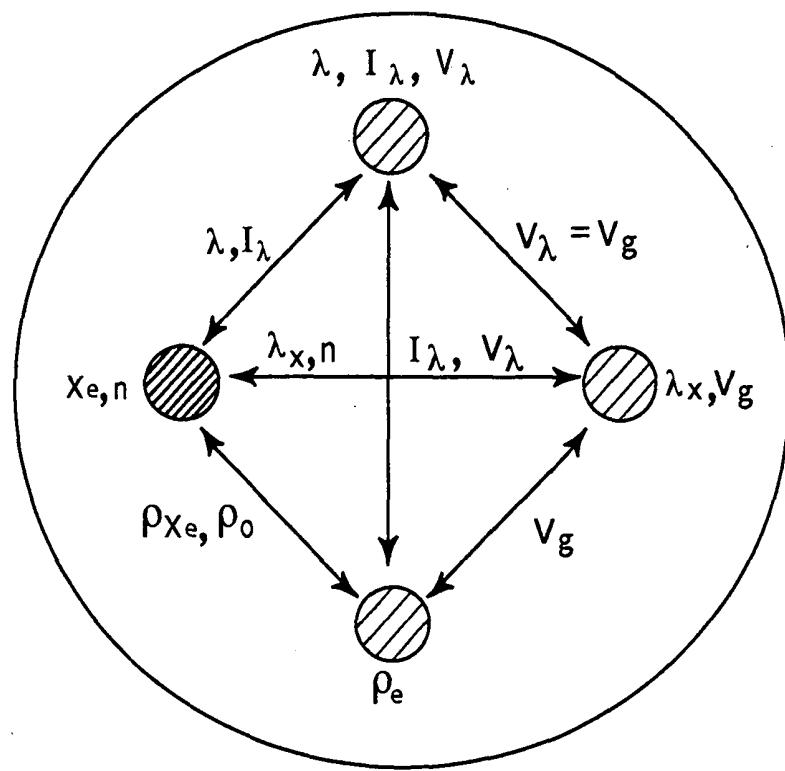
**FIG 6C**



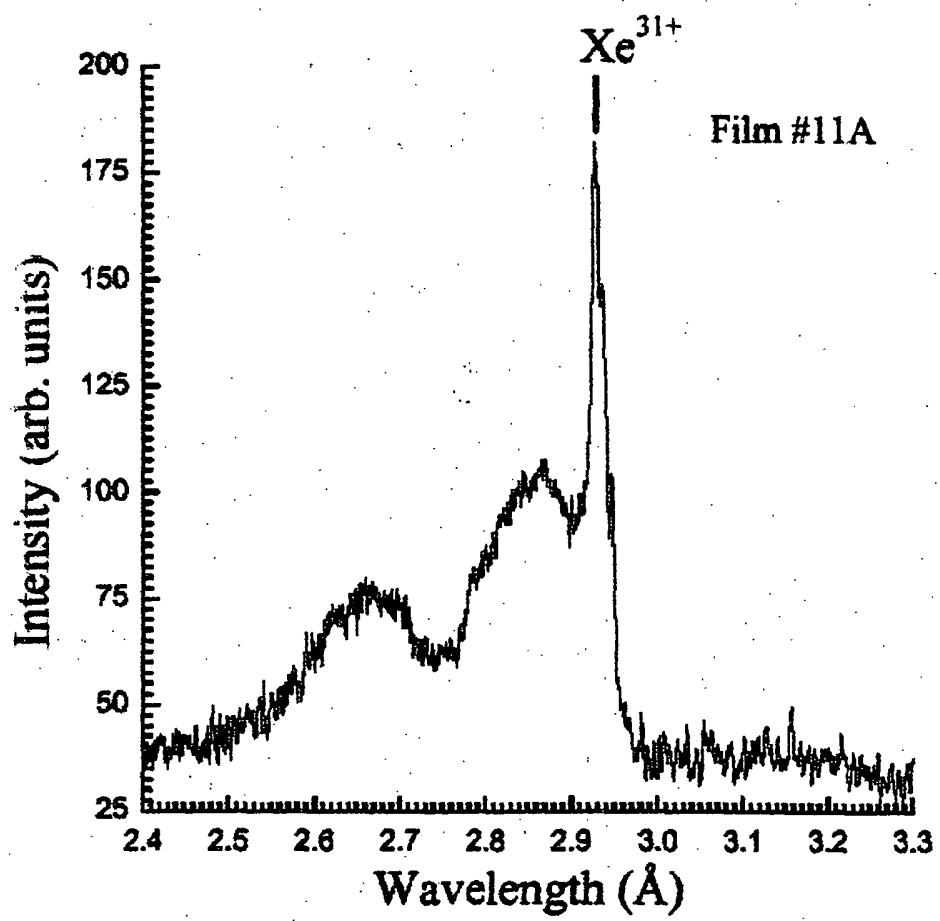
**FIG 7**



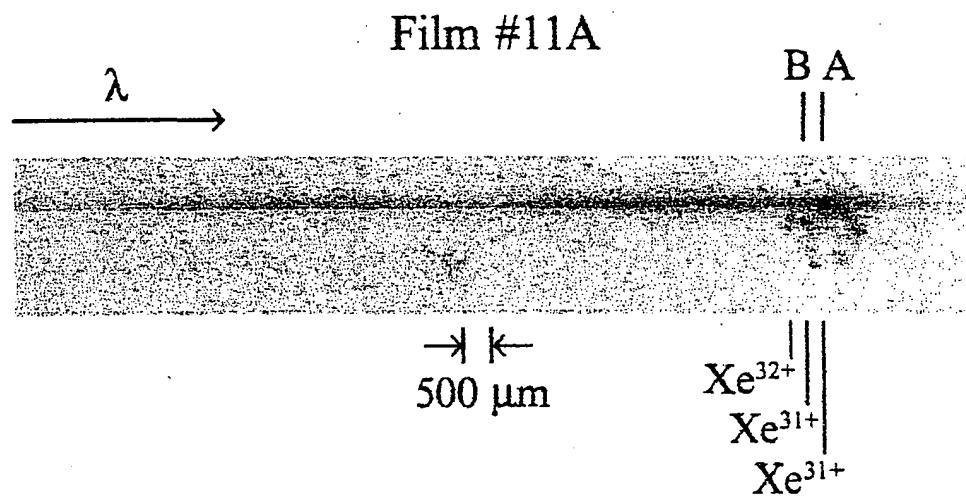
**FIG 8A**



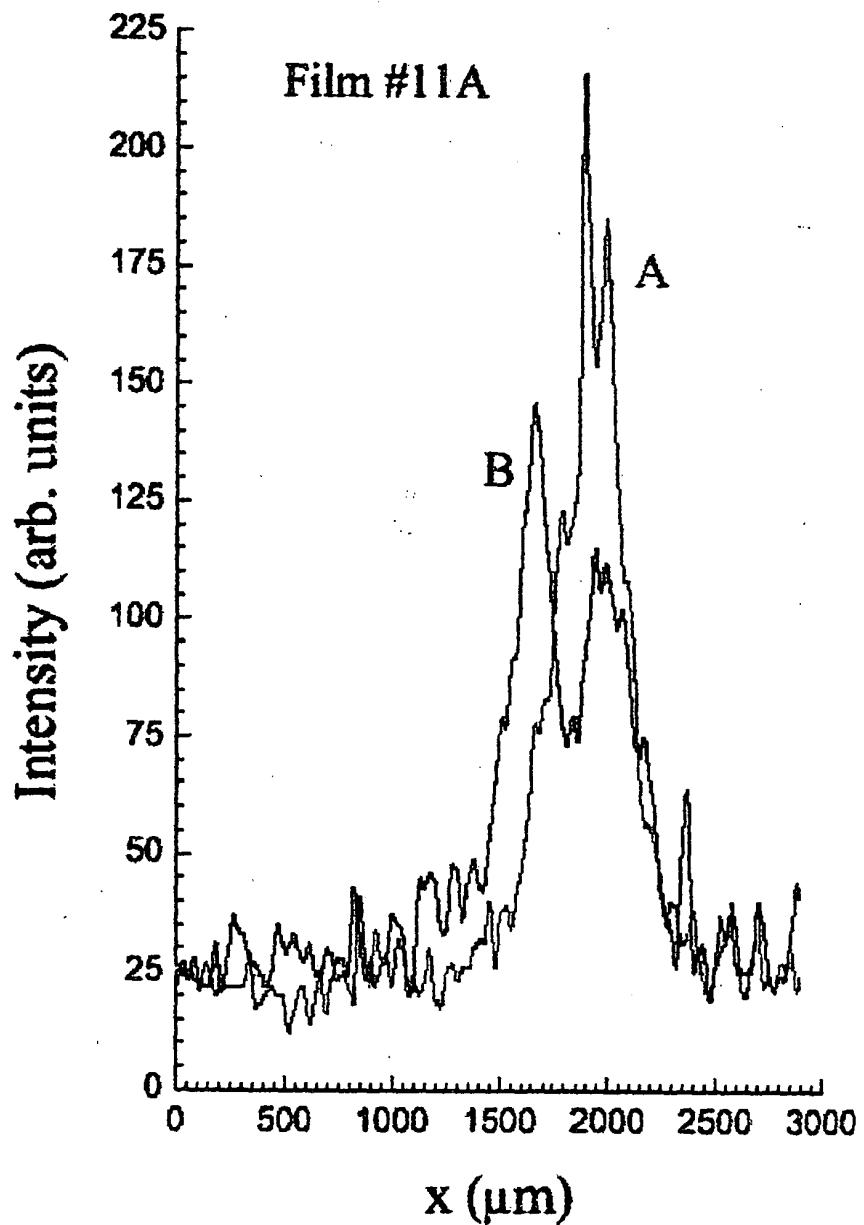
**FIG 8B**



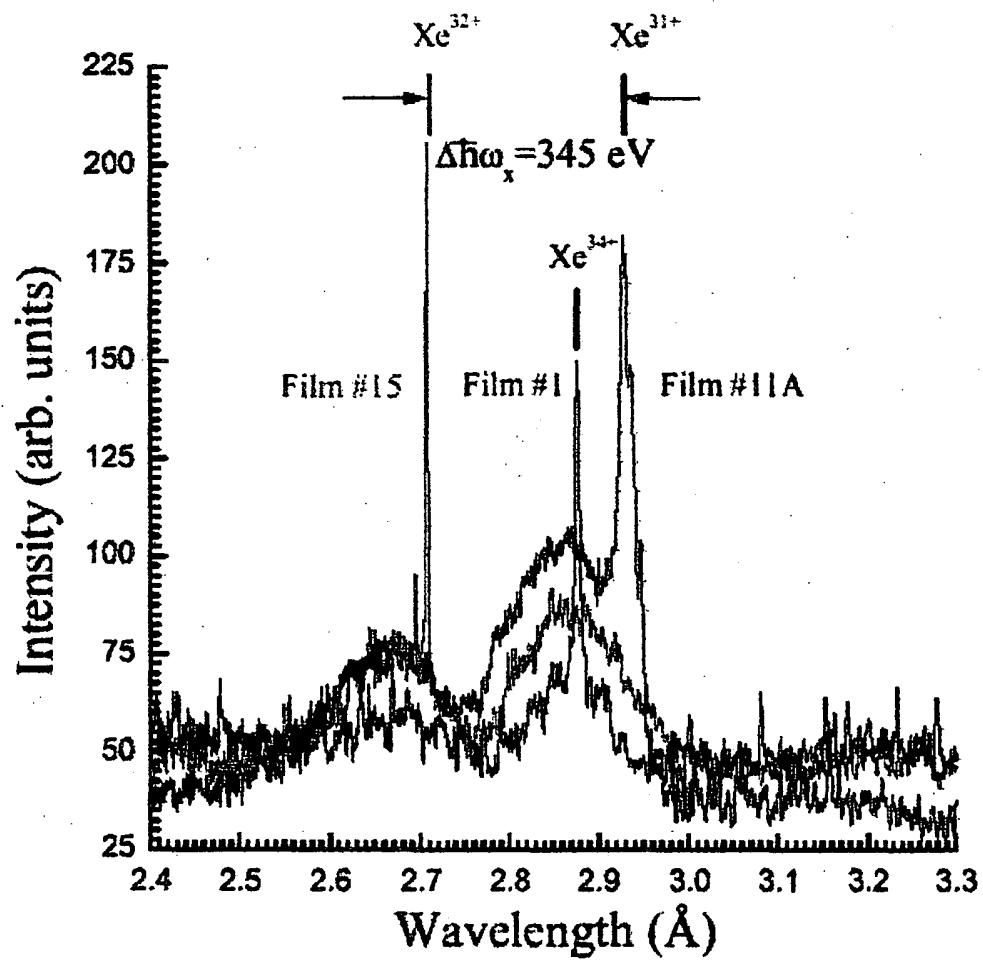
**FIG 9A**



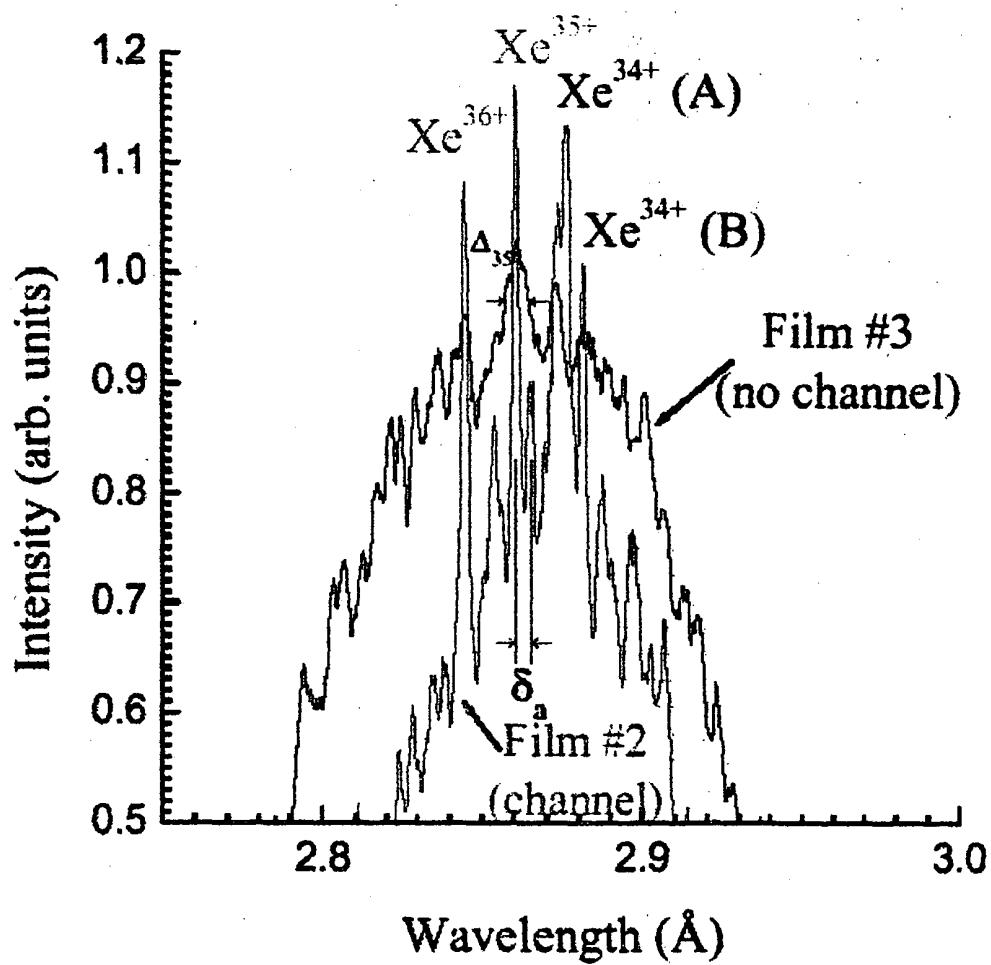
**FIG 9B**



**FIG 9C**



**FIG 10**



**FIG 11**

### Xe(L) Spectrum in Transverse Direction

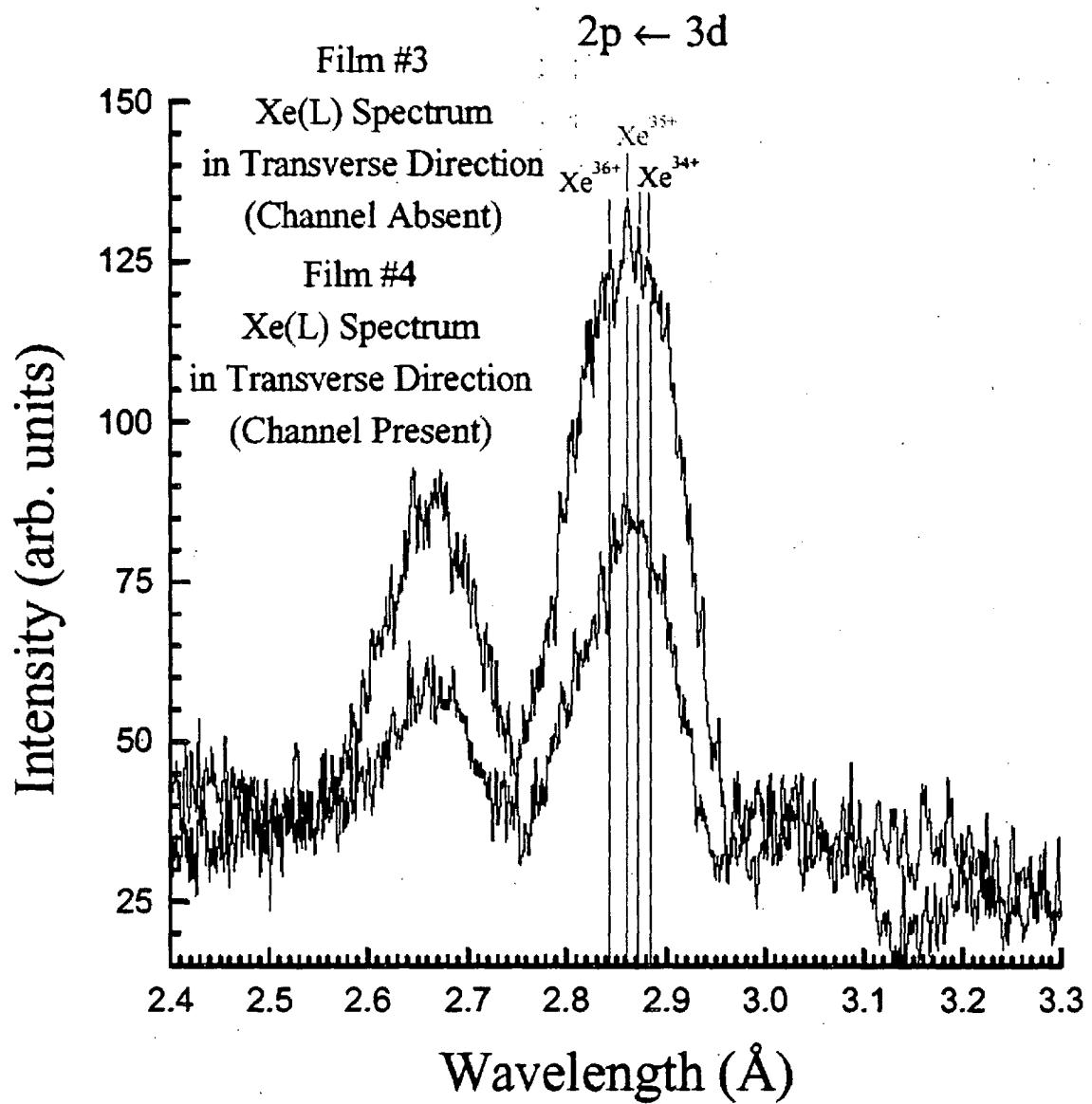


FIG. 12 a

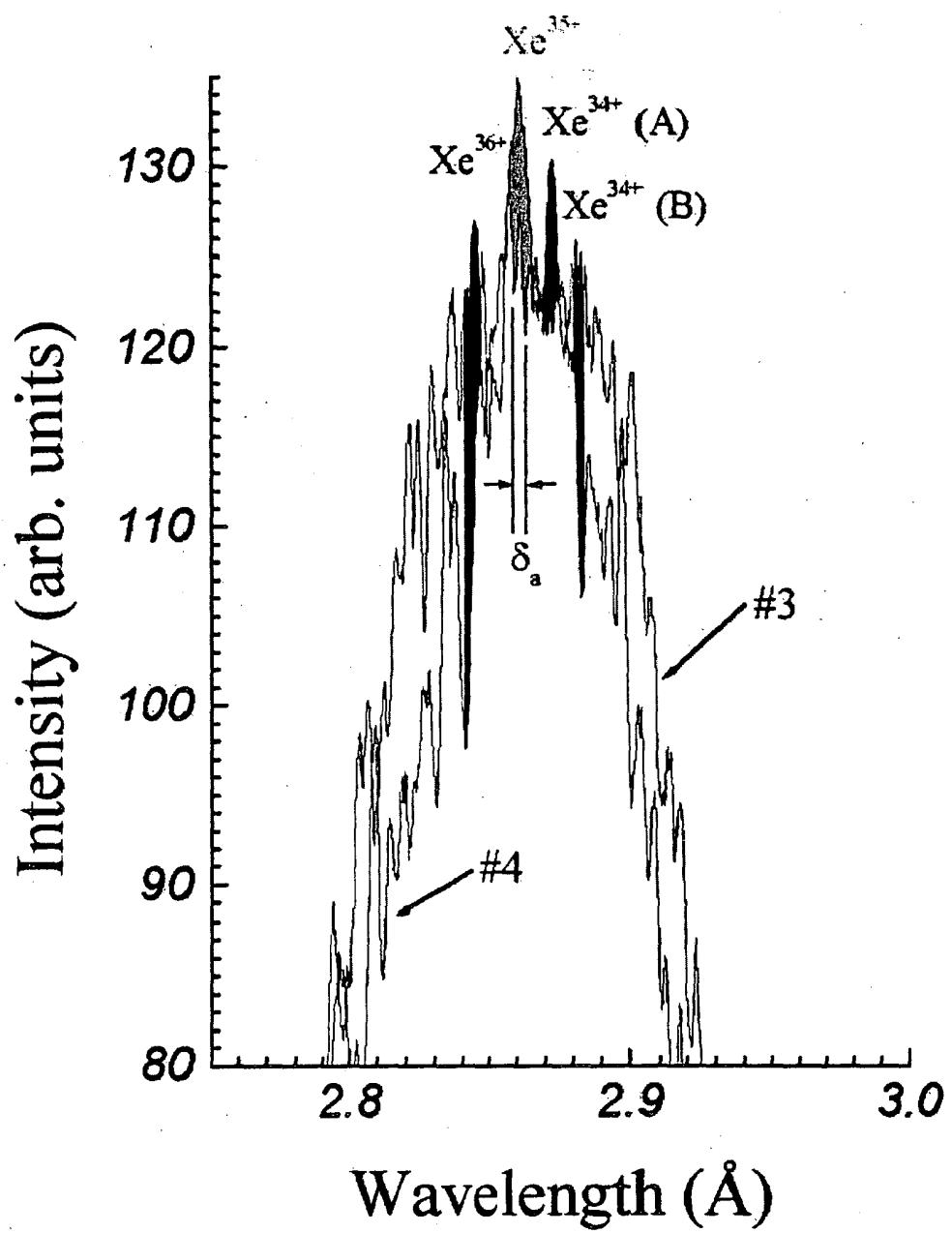
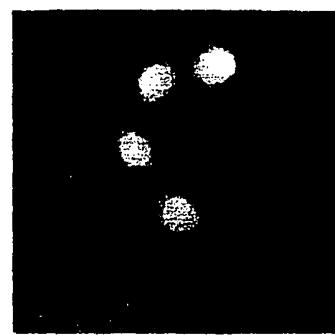
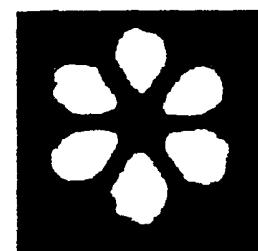


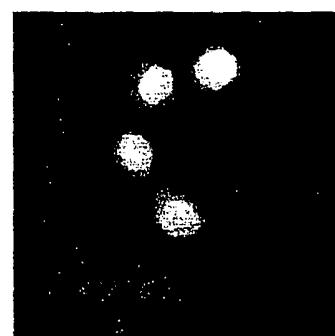
FIG. 12b



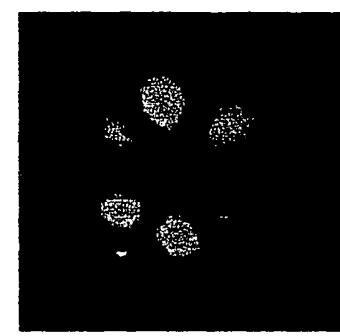
(a)



(b)



(c)



(d)



(e)

→ ←  
20  $\mu$ m



(f)

→ ←  
20  $\mu$ m

FIG. 13

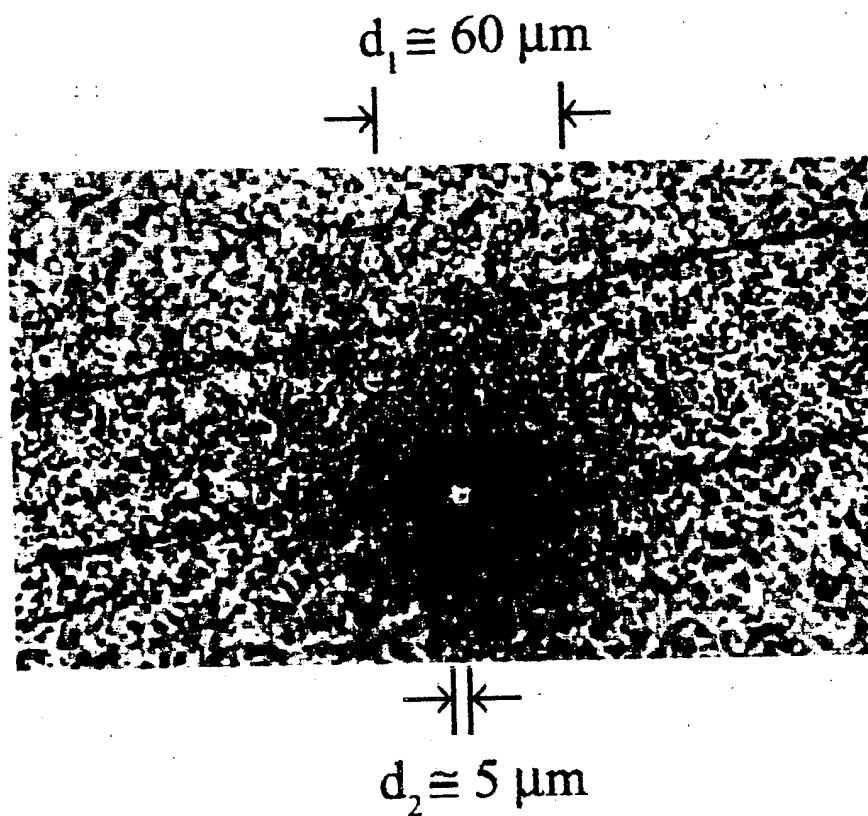


FIG. 14